

FILE NOTATIONS

Entered in NID File ✓
Location Map Pinned
Card Indexed ✓

Checked by Chief
Approval Letter
Disapproval Letter

COMPLETION DATA:

Well Completed
..... WW..... LA.....
GW..... OS..... RA.....

Location Inspected
Bond released
State or Fee Land

LOGS FILED

Driller's Log.....

Electric Logs (No.)

E..... I..... Dual I Lat..... GR-N..... Micro.....

BNC Sonic GR..... Lat..... MI-L..... Sonic...

CBLog..... CLog..... Others.....

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

7

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Inland Fuels Corp.

3. ADDRESS OF OPERATOR

2121 South Columbia, Tulsa, Okla. 74114

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface SW. NE. Section 23, T 20S, R 23E, S.L.M.

At proposed prod. zone 2310' fr. E-line and 1650' fr. N-line

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Approximately 5 miles NE. of Cisco, Utah

16. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any)

400'

17. NO. OF ACRES IN LEASE

1840 ac.

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

2640'

19. PROPOSED DEPTH

2200'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

4687' grd; 4697' K.B.

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8 5/8"	24.00#	150'	80 sks
7 7/8"	4 1/2"	10.50#	Thru pay zones - Cemented to 200' above Kd.	

It is planned to drill a well at the above location to test the gas production possibilities of the sands in the Dakota, Cedar Mt., and Morrison formations. The well will be drilled to a point which is near the top of the Entrada formation or to commercial production, whichever is at the lesser depth. The well will be drilled with rotary tools, using air for circulation. The surface casing will be set at about 150 ft., and cemented with returns to the surface. A blowout preventer with hydraulically operated blind and pipe rams will be installed on top of the surface casing; and a rotating head will be used on top of the blowout preventer. Fill and kill lines (2") will be connected below the blind rams. Any gas encountered will be flared at the end of the blowout line, and roughly checked for volume thru 2" line after the pipe rams have been closed. A float valve will be used in the bottom drill collar at all times. A prognosis for the well is

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

attached.

SIGNED

TITLE

President

DATE

June 19, 1979

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

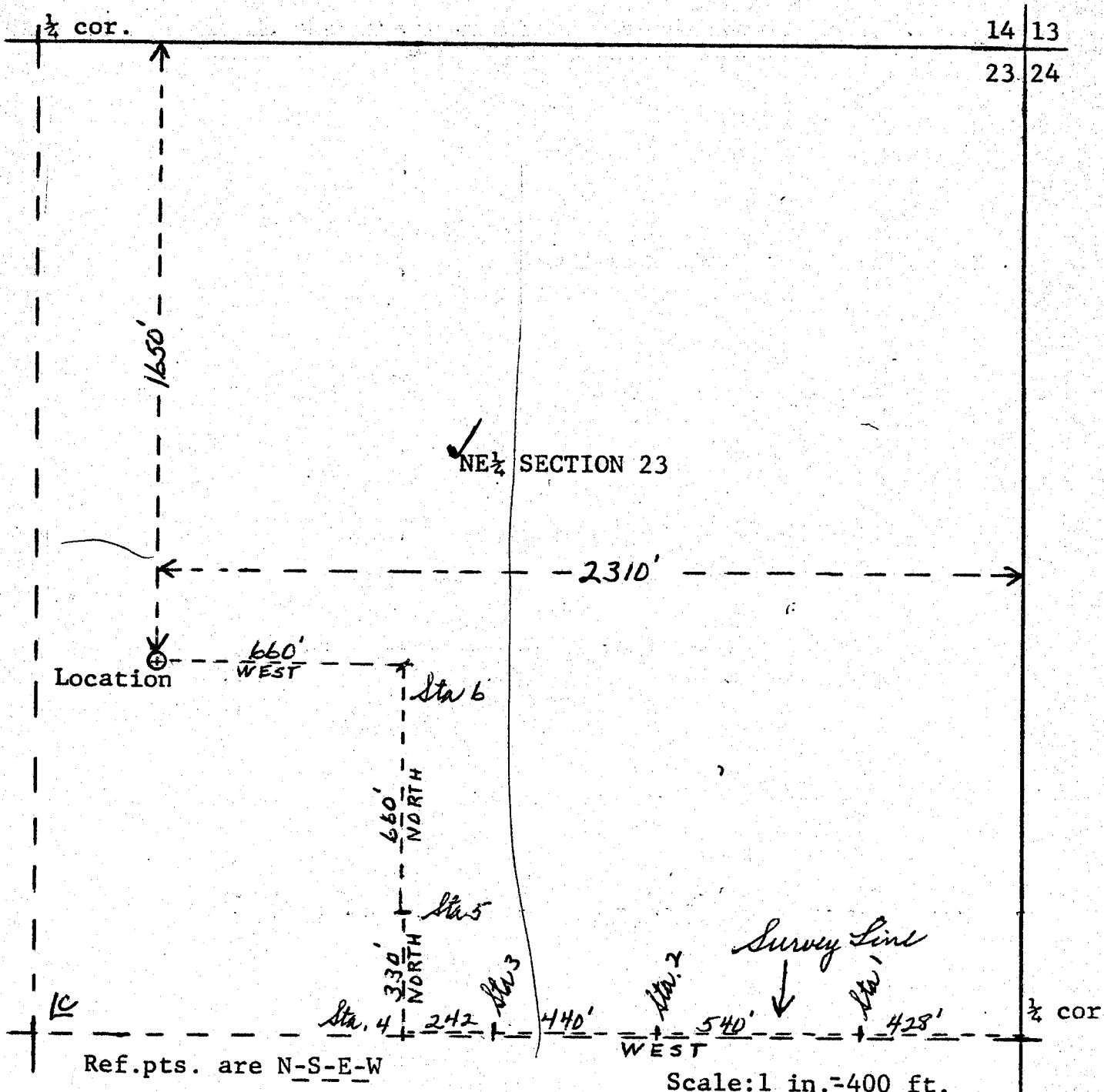
APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

LOCATION PLAT FOR
INLAND FUELS CORPORATION
FED.#23-1 WELL
SW.NE.SEC.23-20S-23E.
(2310' fr E-line & 1650' fr N-line)
GRAND COUNTY, UTAH
Elev.: 4687' grd.



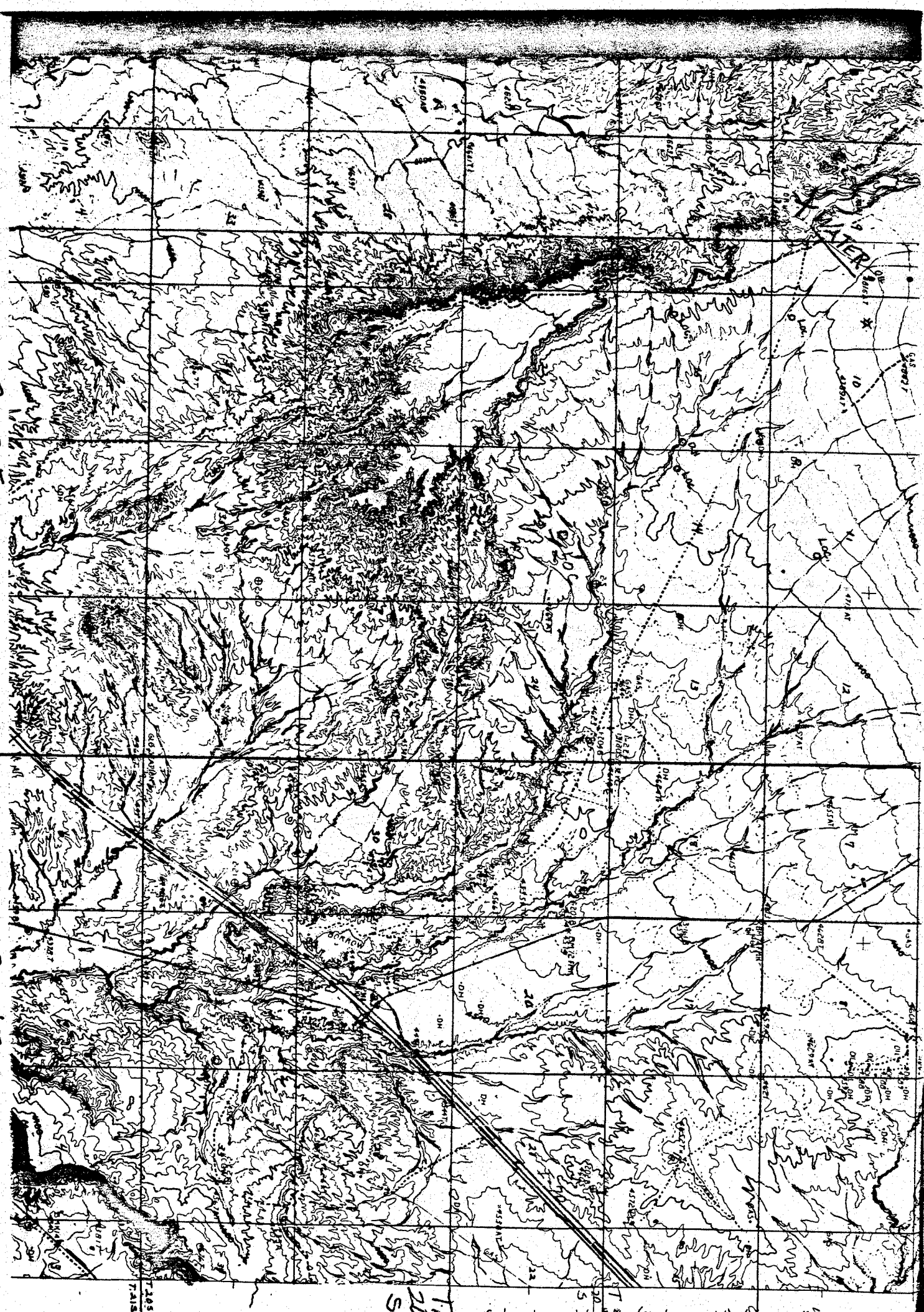
I, Sherman D. Gardner, do hereby certify that this plot was plotted from notes of a field survey made under my direct responsibility, supervision and checking on May 30, 1979.

Sherman D. Gardner
Registered Land Surveyor
State of Utah #1556

PLAT NO.1

R 23 E.

R 24 E



7.415
7.405

1.20
1.25

Contour edge joined by B Mean (except as corrected) 3/10/1947

11.66
11.72
11.78

Map # 3

Map # 3

N T L - 6 P L A N R E P O R T

For

Well Name: Inland Fuels Corporation - Federal #23-1Location: SW. NE. Sec. 23, T 20S, R 23E, S.L.M., Grand County, Utah1. Existing Roads: (See attached Maps)

A. Well Location: (See Plat #1)

Reference Stakes: 150' N-S-E-WPerimeter Stakes: As above. Stakes outline maximum perimeter of well pad.

B. Route and Distance to Well Site From Reference Point: (See att. maps)

From the E. Cisco Exit on I-70, the site is 4½ miles along secondary and unimproved roads on Cisco Mesa.

C. Access Roads (Identify secondary roads to be used): (See att. maps)

The Cisco Mesa road going NW. from the E. Cisco Exit is used for the first 2 miles. At a point where the old abandoned railroad bed crosses this road, an old road (now used) takes off to the southwest. This road is followed for a distance of approximately one mile; then a secondary new road recently built to the Jacobs #24-2 well will be used for a distance of about 1 mile; then a new road (which is flagged) will be built to the west for a distance of about ¾ mile to the well site.D. Roads Within 3 mile Radius: (See att. maps) The main Cisco Mesa road (first 2 miles) is a county road, is partially gravelled, graded, crowned, and ditched. All the other roads around the well site are unimproved & are flat with no drainage provisions. The last 2½ miles of road will have no improvement. It is on Mancos soil & topography and is on shale and silt in the low areas and on gravel across the surface type and conditions: benches. It crosses Cisco Wash and has grades of about 6% on both sides of the wash.

E. Roads Within 1 mile Radius: (See att. maps) See 1-D Above.

The roads within 1-mile of the site are mostly dozed trails (old seis trails) dozed across natural topography and soil. The road base is Mancos shale and soil with some gravel and conglomerate on the bench areas. They are normally about 10 ft. wide.F. Plans for Road Improvement & Maintenance: The last two miles of road will be widened to a maximum disturbed width of 20' and flat graded with dirt pushed to the sides. The portion on the slopes on the banks

F. of the Cisco Wash will be ditched on the bank side to provide drainage. The rest of the road is on benches and across small washes and will be ditched on both sides of the road in these areas. The road base will be cut to the bottom of several shallow washes. There are about 3 of these washes and the cuts will be short (20' or less) and 4' deep at the most.

2. Planned Access Roads: (See att. maps) About 3000' of new road will be built across fairly level Mancos terrain by blading a path with a bulldozer

(1) Width: Maximum disturbed width will be 20 ft.

(2) Maximum Grades: 6% or less

(3) Turnouts: None needed

(4) Drainage Design: None needed

(5) Location and Size of Culverts, Cuts, and Fills: None needed

(6) Surfacing Material: The road is across Mancos shale and soil which is composed of gravel and silt. No other material will be used.

(7) Gates, Cattleguards, or Fence Cuts: None

(8) All new roads have been flagged as required.

3. Location of Existing Wells: (See Map No. 2)

(1) Water Wells: None

(2) Abandoned Wells: See Map #2

(3) Temporarily Abandoned Wells: None

(4) Disposal Wells: None

(5) Drilling Wells: None at present

(6) Producing Wells: Several - See Map #2

(7) Shut-in Wells: Three

(8) Injection Wells: None

(9) Monitoring or Observation Wells: None

4. Location of Existing and/or Proposed Facilities:

A. Within 1-mile radius of location show the following existing facilities owned or controlled by lessee/operator:

(1): Tank Batteries: (Size) None

(2) Production Facilities: None

(3) Oil gathering lines: None

(4) Gas gathering lines: None

(5) Injection lines: None

(6) Disposal lines: None

(7) Are lines buried? No

B. If new facilities are contemplated, in the event of production, show: (These facilities depend on the outcome of the proposed well and are really unknown at this time.) Show a general proposed plan. (See Plat No. 2)

(1) Are any facilities planned off well pad? None at this time. If the well is a successful gas well, a gas gathering line (3½") will have to be laid and connected to the main gas line; but this will be covered by a separate proposed plan, accompanied with maps, surveys, etc., at a later date.

(2) Give dimensions of facilities: See Plat #2

(3) Construction methods and materials: Location will be levelled for production equipment. Tank batteries will be placed on a 3-in. gravel pad and surrounded with an 18" dike (15' from tanks). Separators and heater-treaters will be placed on gravel pads or cement bases. Pump jacks will be on cement platforms or on raised dirt and gravel mounds. All pipe lines on the pad will be buried.

(4) Protective measures for livestock and wildlife: All open pits will be fenced with woven wire (sheep) fence (40") and pump jacks or rotating machinery will have guards to prevent danger by moving parts.

C. Plan for rehabilitation of disturbed areas no longer needed after drilling operations are completed: Well site will be cleaned, levelled, and graded for production equipment; pits folded-in or

- C. fenced with woven wire, before rig is moved, if full of fluid. The other work will be done within 30 days after well is completed. While production ensues, previous areas of well pad not needed for production operations will be restored as in Item 10 below.

5. Location & Type of Water Supply: (See att. maps)

- A. Type of Water Supply: Cisco Springs (natural flow) located in Section 9 of T 20S, R 23E. (See Map #3)

- B. Method of Transporting Water: The water will be hauled from the spring to the well site by truck along the Cisco Mesa road. This will be approximately 5 miles from the spring to the well site.

- C. Is Water Well Planned? No

If so, describe location, depth and formation: _____

6. Source of Construction Materials:

- A. See attached map and describe: None will probably be required, since the well will be drilled during the good weather season. If the well is successful, the last 2½ miles of road will be improved by ditching, and crowning to provide easy access during bad weather. Some places might also require some gravel.

- B. Identify if Federal, Indian, or Fee Land: Unknown at this time.

- C. Describe Material: (Where from and how used) The source, amount, type of material, and permit will have to be obtained at a later date, if required.

- D. See item 1-C and 2 above.

7. Waste Disposal:

- The cuttings will be blown into the reserve pit, and the
- (1) Cuttings: blewie line will be directed into the cut portion of the pit
- (2) Drilling Fluids: In mud tanks; excess put into reserve pit.
- (3) Producing Fluids (oil or water) Oil in tanks; water in reserve pit.
- (4) Human Waste: Toilet with pit (4' deep) with lime for odor and sanitation control. Will be covered with soil (3' deep) at end of operation.

(prior to commencement
of drilling)

(5) Garbage & Other Waste: (Burn pit will be adequately fenced with chicken wire to prevent scattering of debris by wind) Into burn pit, 4'X6'X6' deep and burned periodically. The burn pit will be approx. 125' from well head.

(6) Clean-up: (See item 10 below) All garbage and unburned debris will be buried by at least 3 ft. of cover after the drilling and completion operations are finished. The unused material and all equipment will be removed from the site and taken to supply yards or to the next drill site, as soon as the well is completed.

8. Airstrips and/or Camp Sites (Describe): None needed.

9. Well Site Layout: (See Plat No. 3)

(1) Describe cuts or fills: No cuts or fills other than for pits.

(2) Describe pits, living facilities, soil stockpiles: Reserve pit is long and narrow as shown, and will be placed in a natural depression on the north side. Excavated material will be piled at the north end of pit. Top soil, mostly gravel (12" deep), will be piled at the west and east ends of the site. Two or three trailer houses will be provided for the supervisory personnel.

(3) Rig Orientation, Pipe rack, Access Road Entrance, etc.: (See Plat #3)

(4) Are Pits Lined? Unlined with 4-ft. banks.

10. Plans For Restoration:

A. If Well is completed: Site will be cleaned, debris removed, pits folded-in or fenced with woven wire if full of fluid, and site levelled for production equipment. All unused portions will be contoured, graded, scarred, and seeded with wheat grass, or acceptable seed mix authorized by BLM.

B. If Well is abandoned:

(1) Clean-up, levelling, folding pits-in, contouring: These items will be done as soon as possible. Clean-up will be accomplished at

B. (1) time rig is removed. The rest of the work should be done within 10 to 60 days after well is completed.

(2) Seeding location and access road: Site will be seeded with crested wheat grass, or with a seed mix suggested by BLM by hand broadcasting and then scarred with a dozer or spike-toothed drag. The access road, if no longer needed, will be erased, contoured, seeded, and scarred as above. Water bars will be placed where needed.

(3) Will pits be fenced or covered? If there is a large amount of fluid in the reserve pit, it will be fenced with woven wire before rig is released & remain fenced until the fluid dries up & the pit is re-
(4) Is there any oil in reserve pit? _____ claimed.

If so, describe disposal: Should not be any great amount. If there is a large amount, it will be removed prior to covering pit.

(5) When will restoration work be done? As soon as possible. Within 60 days after equipment is removed if weather and availability of clean-up equipment permit and will be completed within 10 days thereafter.

11. Description of Land Surface:

(1) Topography & Surface Vegetation: Location is on fairly level ground and in the center of a low ridge, and is on typical Mancos soil & gravel. Sparse sage brush, shad scale, grass and tumble weed are present.

(2) Other Surface Activities & Ownership: The land around the drill site is federal land with minerals & surface owned by the public. Inland Fuels Corp. has an oil & gas lease on most of the NE $\frac{1}{4}$ of Sec. 23. The area does have some grazing by sheep. There are no powerlines, powersites, irrigation ditches, or cultivation in the area.

(3) Describe other dwellings, archaeological, historical, or cultural sites: There are no known buildings, archaeological, historical or cultural sites in the area. An abandoned railroad bed is located in Sec. 19 and 25 to the east and south of the proposed well site. Other oil and gas well drilling and production are present in the general area.

12. Operators Representative: (Address & Phone number)

W. Don Quigley, Suite 440, 57 W. So. Temple, Salt Lake City, Utah 84101
801-359-3575

13. Certification:

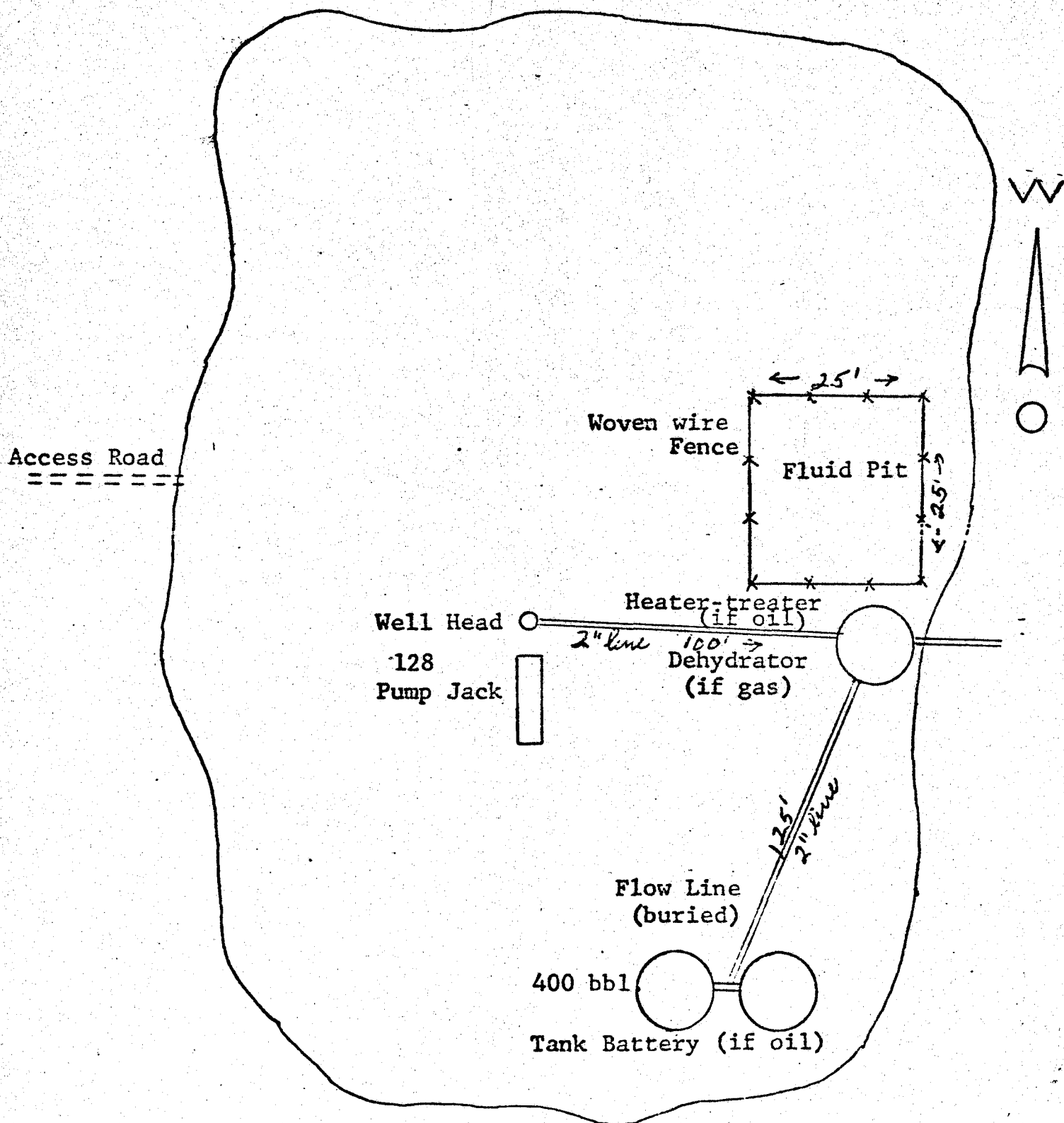
I hereby certify that I, or persons under my direct supervision, have inspected the drill site and access route; that I am familiar with the conditions which presently exist; that statements made in this plan are, to the best of my knowledge, true and correct; and that work associated with the operations proposed herein will be performed by Inland Fuels Corporation and its contractors in conformity with this plan and terms and conditions under which it is approved.

Date: June 19, 1979

Name: H. Don Gugley

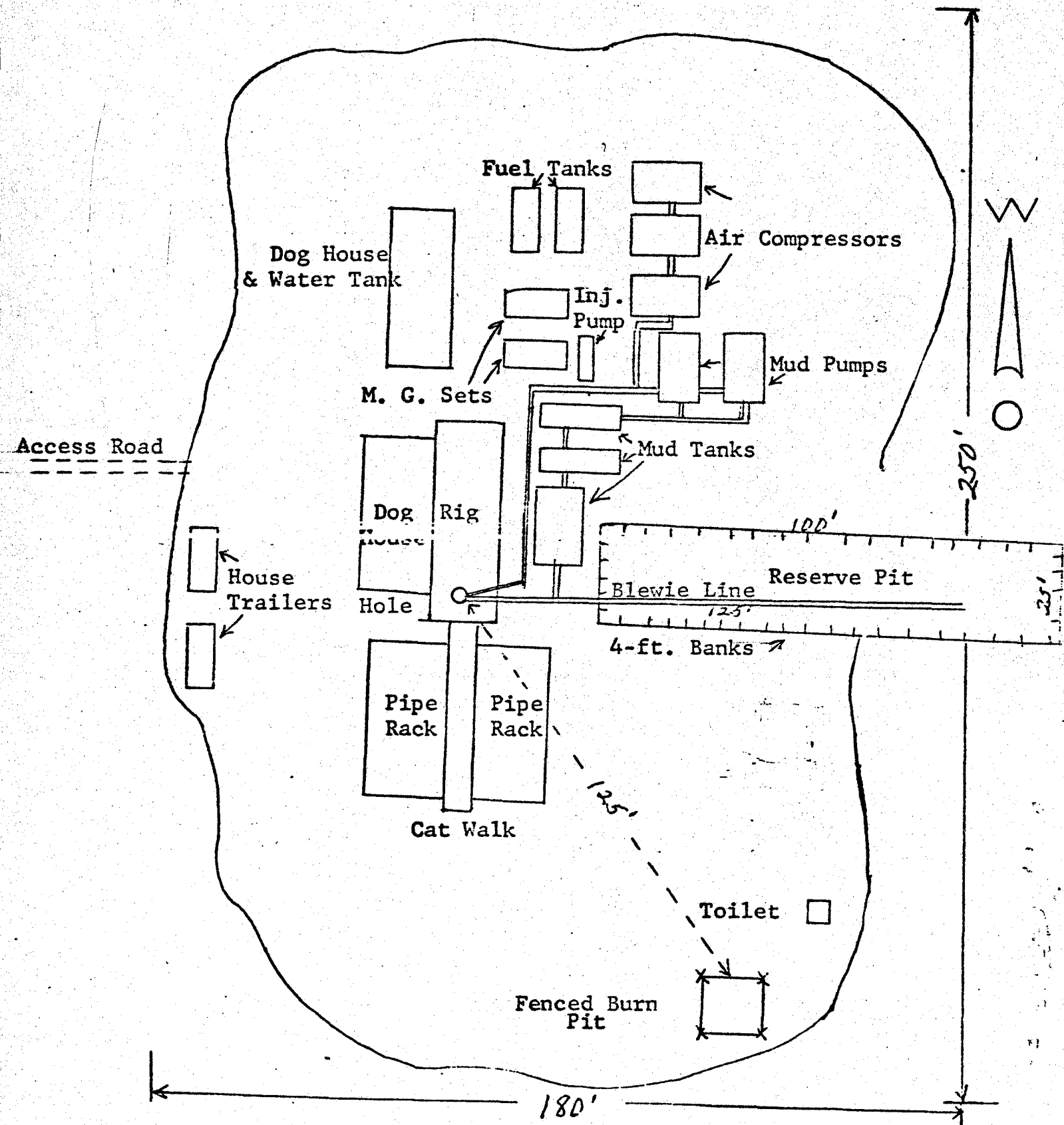
Title: Consulting Geologist

PLAN FOR PRODUCTION EQUIPMENT
INLAND FUELS CORP.
FEDERAL #23-1 WELL
SW. NE. SEC. 23-20S-23E.



Scale: 1 in. = 30 ft.

LOCATION PLAN FOR
INLAND FUELS CORP.
FEDERAL #23-1 WELL
SW. NE. SEC. 23-20S-23E.



Scale: 1 in. = approx. 30 ft.

Plat No. 3

WELL CONTROL EQUIPMENT FOR
INLAND FUELS CORP.
FEDERAL #23-1 WELL
SW. NE. SEC. 23-20S-23E.
GRAND COUNTY, UTAH

The following control equipment is planned for the above designated well: (See attached diagram)

1. Surface Casing:

- A. Hole size for surface casing is 11".
- B. Setting depth for surface casing is approx. 200 ft.
- C. Casing specs. are: 2 5/8" O.D., K-55, 24.00#, 8 rd. thread, R-3 new or used.
- D. Anticipated pressure at setting depth is approx. 20 lbs.
- E. Casing will be run using three centralizers and a guide shoe, and will be cemented with 75 sks of cement with returns to the surface.
- F. Top of the casing will be near ground level.

2. Casing Head:

Flange size: 10", A.P.I. Pressure rating: 2000# W.P., Series 600; Cameron, OCT, or equivalent; new or used; equipped w/two 2" ports with nipples and 2", 2000# W.P. ball or plug valves. Casing head and valves set above ground level. (A flange only may be used on top of the casing, if the B.O.P. is equipped with 2" outlets below the blind rams.)

3. Intermediate Casing:

None

4. Blowout Preventors:

- A. Double rams; hydraulic; one set of blind rams; one set of rams for 3 1/2" or 4" drill pipe; 10" flange; 2000# or greater W.P.; Series 900; equipped with mechanical wheels and rod for back-up; set on top of casing head flange and securely bolted down, and pressure tested for leaks up to 2000# p.s.i. A hydraulically operated hy-drill may be used in place of the above B.O.P., if equipped with 2" outlets below the rams. B.O.P. will be tested for leaks at 2000# p.s.i. prior to drilling below surface casing.
- B. Rotating Head: Shaffer, Grants or equivalent; set on top of blowout preventor and bolted securely; complete with kelly drive, pressure lubricator; 3 1/2" or 4" rubber for

2000# W.P.; need not have hydril assembly on bottom, if a separate hydril or B.O.P. is used.

- C. Fill and Kill Lines: The fill and kill lines (2" tubing or heavy duty line pipe) are to be connected thru the 2" valves on the casing head and thru a manifold to permit ready switching from the fill to kill lines.

5. Auxillary Equipment:

A float valve is to be used in the bottom drill collar at all times. A safety valve that can be used in the drill pipe will be kept within easy reach on the rig floor at all times.

6. Anticipated Pressures:

The shut-in pressures of the Dakota, Cedar Mountain, and Morrison formations at depths of 2000' to 3000' in the area have been measured at about 500# to 800# maximum. No toxic gases have ever been encountered in the area and none are anticipated.

7. Drilling Fluids:

Air will be used to drill the subject well until water is encountered, then air-soap-water mist will be used to drill the well deeper. In case of excessive caving problems, it may be necessary to convert to mud.

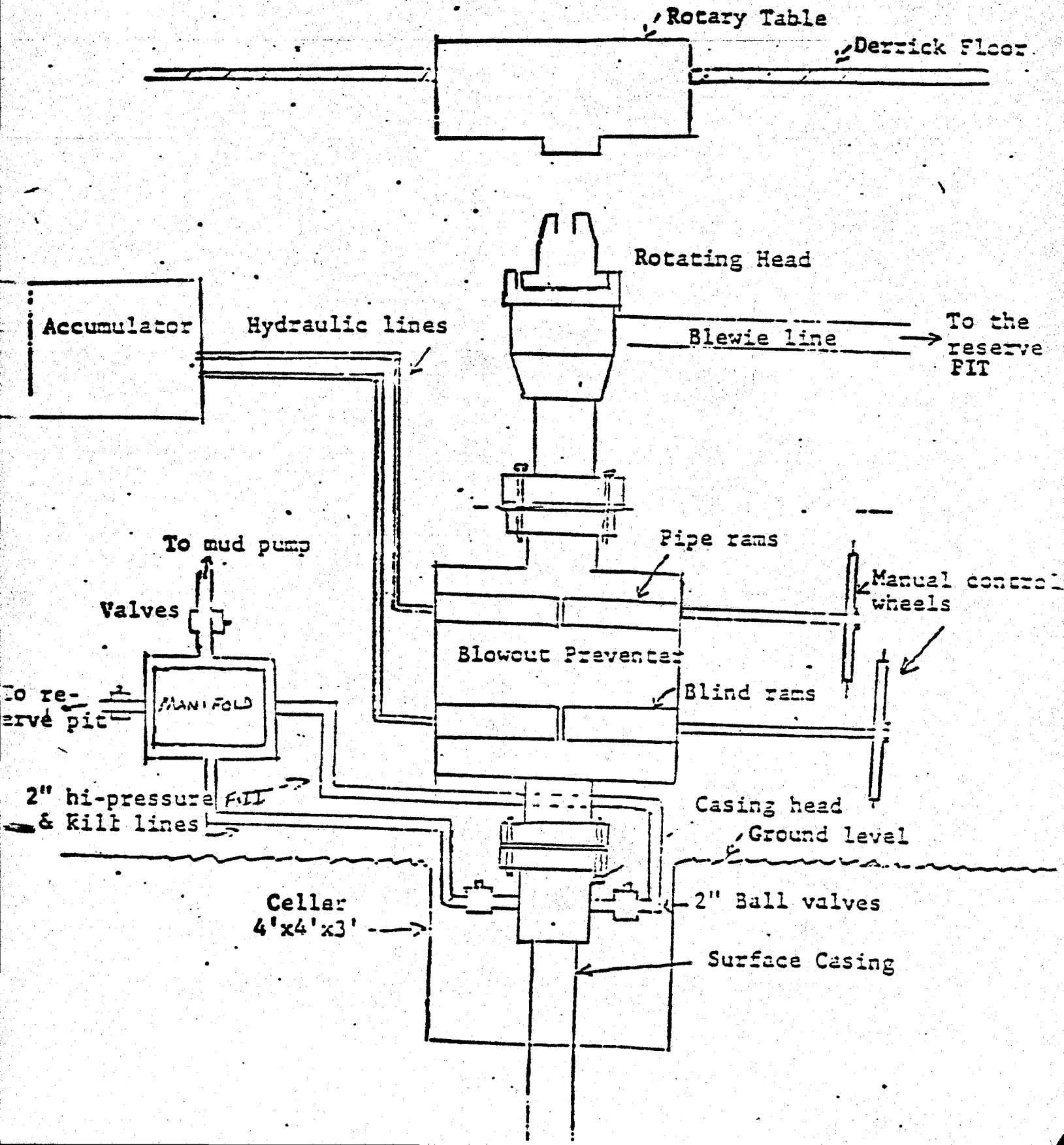
8. Production Casing:

- A. Hole size for production casing will be 6½".
- B. Approx. setting depth will be about 3500'.
- C. Casing Specs. are: 4½" O.D.; K-55; 10.50#; 8-rd thread; R-3, new.
- D. If good production is obtained, the casing will be run with a guide shoe at the bottom and about six centralizers and cemented conventionally with sufficient R.F.C. cement to cover 200 ft. above the top of the Dakota formation. The production zone will be perforated, 2 3/8" O.D. tubing will be run, and the well completed conventionally. In the event the production is small, it may be desirable to minimize the damage to the formation by keeping all mud and cement off the formation. In this case the procedure outlined below will be used.
- E. Casing will be run with about six centralizers and a cement basket with DV tool set above the production zone.

There will be sufficient casing to extend thru the production zone below the basket with a blind guide shoe on the bottom. The casing will be cemented above the packer with about 85 sks of cement (sufficient to cement thru the Dakota formation). The cement will be allowed to cure at least 48 hrs. The plug can then be drilled out and the casing perforated below the DV tool. Two inch tubing will be run and secured in the tubing head prior to perforating.

SCHEMATIC DIAGRAM OF
CONTROL EQUIPMENT FOR

INLAND FUELS CORP.
FEDERAL #23-1 WELL
SW. NE. SEC. 23-20S-23E.



United States Department of the Interior
Geological Survey
8440 Federal Building
Salt Lake City, Utah 84138

Usual Environmental Analysis

Lease No. U-42223

Operator Inland Fuels Corp. Well No. 23-1

Location 2310' FWL 375' FNL Sec. 23 T. 20S R. 23E

County Grand State Utah Field Cisco Springs

Status: Surface Ownership Public and Private Access Minerals Federal

Joint Field Inspection Date August 13, 1979

Participants and Organizations:

<u>Don Quigley</u>	<u>Operator</u>
<u>John Evans</u>	<u>U. S. Geological Survey</u>
<u>Bob Kershaw</u>	<u>Bureau of Land Management</u>
<u>Al Sanford</u>	<u>Mike's Water & Dozer Service</u>
<u> </u>	<u> </u>

Related Environmental Analyses and References:

- (1) Book Mountain Unit Resource Analysis
Bureau of Land Management
Utah

Analysis Prepared by: John T. Evans
Environmental Scientist
Grand Junction, Colorado

Date August 14, 1979

NOTED JOHN T. EVANS, JR.

8-16-79

Proposed Action:

On June 20, 1979, Inland Fuels Corp filed an Application for Permit to Drill the No. 23-1 development well, a 2200' gas test of the Dakota, Cedar Mountain, and Morrison Formations; located at an elevation of 4687' in the SW $\frac{1}{4}$ NE $\frac{1}{4}$, Sec 23, T20S, R23E, on Federal mineral lands and Public surface; lease No. U-42223. There was no objection raised to the wellsite nor to the access road.

A rotary rig would be used for the drilling. An adequate casing and cementing program is proposed. Freshwater sands and other mineral-bearing formations would be protected. A Blowout Preventor would be used during the drilling of the well. The proposed pressure rating should be adequate. Details of the operator's NTL-6 10-Point Subsurface Plan is on file in the U.S.G.S. District Office in Salt Lake City, Utah, and the U.S.G.S. Northern Rocky Mountain Area Office in Casper, Wyoming. The 13-Point Surface Protection Plan is on file in the District Office in Salt Lake City, Utah.

A working agreement has been reached with Bureau of Land Management, the controlling surface agency. A private surface agreement is required for portions of the access road. Rehabilitation plans would be decided upon as the well neared completion; the Surface Management Agency would be consulted for technical expertise on those arrangements.

The operator proposes to construct a drill pad 175' wide x 250' long and a reserve pit 20' x 100'. A new access road would be constructed 20' wide x 0.3 mile long and upgrade from an existing truck trail for approximately two miles from an existing and improved road. The operator proposes to construction production facilities on disturbed area of the proposed drill pad. If production is established, plans for a gas flowline would be submitted to the appropriate agencies for approval. The anticipated starting date is August 1979 and duration of drilling activities would be about seven days.

Location and Natural Setting:

The proposed drillsite is approximately 5 $\frac{1}{2}$ miles NE of Cisco, Utah, the nearest town. A truck trail runs to within 3000' of the location. This well is in the Cisco Springs Field.

Topography:

The proposed location is on a hillside that slopes gently to the SE. A small arroyo drains on the side of location.

Geology:

The surface geology is Mancos. The soil is silty sands and gravels. No geologic hazards are known near the drillsite. Seismic risk for the area is minor. Anticipated geologic tops are filed with the 10-Point Subsurface Protection Plan.

Approval of the proposed action would be conditioned that adequate and sufficient electric/radioactive/density logging surveys would be made to locate and identify any potential mineral resources. Production casing and cementing would be adjusted to assure no influence of the hydrocarbon zones through the well bore on these minerals. In the event the well is abandoned, cement plugs would be placed with drilling fluid in the hole to assure protection of any mineral resources.

The potential for loss of circulation would exist but would be minimized by air drilling. Loss of circulation may result in the lowering of the mud levels, which might permit exposed upper formations to blow out or to cause formation to slough and stick to drill pipe. A loss of circulation would result in contamination due to the introduction of drilling muds, mud chemicals, filler materials, and water deep into the permeable zone, fissures, fractures, and caverns within the formation in which fluid loss is occurring. The use of special drilling techniques, drilling muds, and lost circulation materials may be effective in controlling lost circulation.

A geologic review of the proposed action has been furnished by the Area Geologist, U. S. Geological Survey, Salt Lake City, Utah.

The operator's drilling, cementing, casing and blowout prevention programs have been reviewed by the Geological Survey engineers and determined to be adequate.

Soils:

No detailed soil survey has been made of the project area. The topsoils in the area range from a sandy clay to a shale type soil. The soil is subject to runoff from rainfall and has a high runoff potential and sediment production would be high. The soils are mildly to moderately alkaline and support the salt-desert shrub community.

Topsoil would be removed from the surface and stockpiled. The soil would be spread over the surface of disturbed areas when abandoned to aid in rehabilitation of the surface. Rehabilitation is necessary to prevent erosion and encroachment of undesired species on the disturbed areas. The operator proposes to rehabilitate the location and access roads per the recommendations of the Bureau of Land Management.

Approximately two acres of land would be stripped of vegetation. This would increase the erosional potential. Proper construction practice, construction of water bars, reseeding of slope-cut area would minimize this impact.

Air:

No specific data on air quality is available at the proposed location. There would be a minor increase in air pollution due to emissions from rig and support traffic engines. Particulate matter would increase due to dust from travel over unpaved dirt roads. The potential for increased air pollution due to leaks, spills, and fire would be possible.

Relatively heavy traffic would be anticipated during the drilling-operations phase, increasing dust levels and exhaust pollutants in the area. If the well was to be completed for production, traffic would be reduced substantially to a maintenance schedule with a corresponding decrease of dust levels and exhaust pollutants to minor levels. If the project results in a dry hole, all operations and impact from vehicular traffic would cease after abandonment. Due to the limited number of service vehicles and limited time span of their operation, the air quality would not be substantially reduced.

Toxic or noxious gases would not be anticipated. Operator would control dust from blowby line by misting or other acceptable means.

Precipitation:

Annual rainfall should range from about 8 to 11" at the proposed location. The majority of the numerous drainages in the surrounding area are of a non-perennial nature flowing only during early spring runoff and during extremely heavy rainstorms. This type of storm is rather uncommon as the annual precipitation is around 8".

Winds are medium and gusty, occurring predominantly from SE to NW. The climate is semiarid with abundant sunshine, hot summers and cold winters with temperature variations on a daily and seasonal basis.

Surface Water Hydrology:

Drainage is through several unnamed washes which are subdrainage elements of Danish Wash which drains to the Colorado River 12 miles to the south. Some additional erosion would be expected in the area since surface vegetation would be removed. If erosion became serious, drainage systems such as water bars and dikes would be installed to minimize the problem. The proposed project should have minor impact on the surface water systems. The potentials for pollution would be present from leaks or spills. The operator is required to report and clean up all spills or leaks.

Groundwater Hydrology:

Some minor pollution of groundwater systems would occur with the introduction of drilling fluids (filtrate) into the aquifer. This is normal and unavoidable during rotary drilling operations. The potential for communication, contamination, and commingling of formations via the well bore would be possible. The drilling program is designed to prevent this. There is need for more data on hydrologic systems in the area and the drilling of this well may provide some basic information as all shows of fresh water would be reported. Water production with the gas would require disposal of produced water per the requirements of NTL-2B. The depths of freshwater formations are listed in the 10-Point Subsurface Protection Plan. The pits would be unlined. If fresh water should be available from the well, the owner or surface agency may request completion as a water well if given approval.

Vegetation:

Plants in the area are of the salt-desert shrub types grading to the pinyon-juniper association several miles to the north.

Proposed action would remove about two acres of vegetation. Removal of vegetation would increase the erosional potential and there would be a minor decrease in the amount of vegetation available for grazing.

The operator proposes to rehabilitate the surface upon completion of operations.

Wildlife:

Animal and plant inventory has been made by the BLM. No endangered plants or animals are known to inhabit the project area. The fauna of the area consists predominantly of mule deer, coyotes, rabbits, foxes, and varieties of small ground squirrels and other types of rodents and various types of reptiles. The area is used by man for the primary purpose of grazing domestic livestock and sheep. The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

Social-Economic Effect:

An on the ground surface archaeological reconnaissance would be required prior to approval of the proposed action. Appropriate clearances would then be obtained from the surface managing agency. If a historic artifact, an archaeological feature or site is discovered during construction operations, activity would cease until the extent, the scientific importance, and the method of mitigating the adverse effects could be determined by a qualified cultural resource specialist.

There are no occupied dwellings or other facilities of this nature in the general area. Minor distractions from aesthetics would occur over the lifetime of the project and are judged to be minor. All permanent facilities placed on the location would be painted a color to blend in with the natural environment. Present use of the area is grazing, recreation, and oil and gas activities.

Noise from the drilling operation may temporarily disturb wildlife and people in the area. Noise levels would be moderately high during drilling and completion operations. Upon completion, noise levels would be infrequent and significantly less. If the area is abandoned, noise levels should return to pre-drilling levels.

The site is not visible from any major roads.

The overall effect of oil and gas drilling and production activity is significant in Grand County but it is difficult to assess the environmental impact of a single well on state and/or national levels. However, if said well was to produce in sufficient quantity, additional development wells might be anticipated. This additional development, in turn, would lead to greater environmental and socioeconomic consequences.

Should the wellsite be abandoned, surface rehabilitation would be done according to the surface agency's requirements and to USGS's satisfaction. This would involve leveling, contouring, reseeding, etc., of the location and possibly the access road. If the well should produce hydrocarbons, measures would be undertaken to protect wildlife and domestic stock from the production equipment.

There are no national, state, or local parks, forests, wildlife refuges or ranges, grasslands, monuments, trails or other formally designated recreational facilities near the proposed location.

The proposed location is within the Book Mountain Planning Unit. This Environmental Assessment Record was compiled by the Bureau of Land Management, the surface managing agency of the Federal surface in the area. The study includes additional information on the environmental impact of oil and gas operations in this area and gives land use recommendations. The E.A.R. is on file in the agency's State offices and is incorporated herein by reference.

Waste Disposal:

The mud and reserves pits would contain all fluids used during the drilling operations. A trash pit would be utilized for any solid wastes generated at the site and would be buried at the completion of the operations. Sewage would be handled according to State sanitary codes. For further information, see the 13-Point Surface Plan.

Alternatives to the Proposed Action:

- 1) Not Approving the Proposed Permit--The Oil and Gas Lease grants the lessee exclusive right to drill for, mine, extract, remove and dispose of all oil and gas deposits. Under leasing provisions, the Geological Survey has an obligation to allow mineral development if the environmental consequences are not too severe or irreversible. Upon rehabilitation of the site, the environmental effects of this action would be substantially mitigated, if not totally annulled. Permanent damage to the surface and subsurface would be prevented as much as possible under U.S.G.S. and other controlling agencies' supervision with rehabilitation planning reversing almost all effects. Additionally, the growing scarcity of oil and gas should be taken into consideration.
- 2) Minor relocation of the wellsite and access road or any special, restrictive stipulations or modifications to the proposed program would not significantly reduce the environmental impact. There are no severe vegetative, animal or archaeological-historical-cultural conflicts at the site. Since only a minor impact on the environment would be expected, the alternative of moving the location is rejected. At abandonment, normal rehabilitation of the area such as contouring, reseeding, etc., would be undertaken with an eventual return to the present status as outlined in the 13-Point Surface Plan.

Proposed Stipulations of Approval:

Private surface agreement required for access road.

Adverse Environmental Effects Which Cannot Be Avoided:

Surface disturbance and removal of vegetation from approximately two acres of land surface for the lifetime of the project which would result in increased and accelerated erosional potential. Grazing would be eliminated in the disturbed areas and there would be a minor and temporary disturbance of wildlife and livestock. Minor induced air pollution due to exhaust emissions from rig engines of support traffic engines would occur. Minor increase in dust pollution would occur due to vehicular traffic associated with the operation. If the well is a gas producer, additional surface disturbance would be required to install production pipelines. The potential for fires, leaks, spills of gas, oil or water would exist. During the construction and drilling phases of the project, noise levels would increase. Potential for subsurface damage to freshwater aquifers and other geologic formations exists. Minor distractions from aesthetics during the lifetime of the project would exist. If the well is a producer, an irreplaceable and irretrievable commitment of resources would be made. Erosion from the site would eventually be carried as sediment in the Colorado River. The potential for pollution to the Danish Wash system would exist through leaks and spills.

If well is a producer, other development wells would be anticipated with substantially greater environmental and economic impacts.

Determination:

This requested action does not constitute a major Federal action significantly affecting the environment in the sense of NEPA, Sec. 102(2)(C).

Date

8/30/79E. S. Luy
District Engineer

U. S. Geological Survey
Conservation Division
Oil and Gas Operations
Salt Lake City District



23-1

FROM: : DISTRICT GEOLOGIST, ME, SALT LAKE CITY, UTAH

TO : DISTRICT ENGINEER, ME, SALT LAKE CITY, UTAH

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. U-42223

OPERATOR: Inlands Fuel Corp.

WELL NO. 23-1

LOCATION: NW 1/4 SW 1/4 NE 1/4 sec. 23, T. 20S, R. 23E, SLM

County, _____

1. Stratigraphy:

Mancoas	Surface
Dakota	1297'
Cedar Mtn.	1400'
Brushy Basin (Morrison)	1490'
Salt Wash (Morrison)	1770'
Lutes - Summerville	2020'

Entrada	2100'
Total Depth	2200'

* Operators tops are reasonable

2. Fresh Water:

fresh water may be encountered in lenticular sands of Mancoas

3. Leasable Minerals:

probable coal in the Dakota

4. Additional Logs Needed:

adequate

5. Potential Geologic Hazards:

none expected

6. References and Remarks:

P.I. cards, old APD's, Utah State geologic map, township files, SEC

Signature: Scott L. Bartlett

Date: July 18 1979

PROGNOSIS FOR
INLAND FUELS CORP.
FEDERAL #23-1 WELL

Location: SW. NE. Section 23, T 20S, R 23E, S.L.M., Grand County,
Utah (1650' from N-line and 2310' from E-line)

Elevations: 4687' grd; 4697' K.B.

Surface Casing: 150' of 8 5/8", 24.00#, K-55, R-3 casing set and
cemented with 80 sks cement w/3% CaCl; with returns to
surface. The surface hole (11") will be drilled to
150 ft. K.B. and will be no more than 1° deviation.

Expected Formation Tops:

<u>Formation</u>	<u>Depth to Top</u>	<u>Thickness</u>	<u>Datum</u>
Mancos	Surface	1297'	4697' K.B.
Dakota *	1297'	103'	3400'
Cedar Mountain *	1400'	90'	3297'
Morrison (Brushy Basin) *	1490'	280'	3207'
(Salt Wash) *	1770'	250'	2927'
Curtis-Summerville	2020'	80'	2677'
Entrada	2100'	—	2597'
Total Depth	2200'		

* Formations with possible hydrocarbons in paying amounts.

1. It is planned to drill a 11" surface hole for the surface casing down to a depth of about 150 ft. and set 8 5/8 inch casing with approx. 80 sks of cement with returns to the surface. A casing head or flange will be mounted on top of the surface casing and a blowout preventer with blind and pipe rams (hydraulic) will be mounted on top of the blowout preventer. A blowline, at least 125 ft. long, will then be attached to the rotating head and extended into the reserve pit. B.O.P. will be tested to 2000 lbs. before drilling below surface casing.
2. a 7 7/8" hole will then be drilled below the surface casing, using air for circulation. A flare will be maintained at 500' and below. This will insure that no gas will be missed. The air drilling will

also minimize the damage to the hydrocarbon reservoir. No toxic gases have ever been encountered in this area and none are expected.

3. Samples of the cuttings will begin at 500'. 30-ft. samples will be taken from 500' to 1200', and then 10-ft. samples will be taken from 1200' to total depth.
4. It is planned to drill the well to a depth which is approximately 100 feet below the top of the Entrada formation unless good commercial flow of gas is obtained above this depth.
5. If a high gas flow (several million cubic feet) and/or when the total depth of the well is reached, electric logs will be run. Prior to running logs, high viscosity mud (not less than 100 vis.) will be pumped into the hole to provide control of the gas and to provide a conductive medium for the logs. A dual-induction-laterolog will be run from bottom to the top of the hole, and a gamma-density and compensated neutron porosity log will be run from the bottom to a point which is 150' above the top of the Dakota formation.
6. If good production (over 750 MCF) is obtained, 4½" O.D., 10.50#, K-55, R-3 new casing will be run and cemented conventionally with sufficient R.F.C. cement to cover 200 ft. above the top of the Dakota formation. The production zone will then be perforated, 2 3/8" O.D. tubing run, and completed conventionally.
7. It is anticipated that the drilling of the well will require less than one week.

W. Don Quigley
W. Don Quigley - 359-3575
Consulting Geologist
Suite 440
57 West South Temple
Salt Lake City, Utah 84101

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING

** FILE NOTATIONS **

Date: June 21, 1979

Operator: Inland Fuels Corporation

Well No: Federal 23-1

Location: Sec. 23 T. 20S R. 23E County: Grand

File Prepared: ☒

Entered on N.I.D.: ☒

Card Indexed: ☒

Completion Sheet: ☒

✓ API Number: 43-019-30525

CHECKED BY:

Administrative Assistant: _____

Remarks:

Petroleum Engineer: M. J. Minder 6-22-79

Remarks:

Director: _____

Remarks:

INCLUDE WITHIN APPROVAL LETTER:

Bond Required: ☐

Survey Plat Required: ☐

Order No. 102-5 1/2/64

Surface Casing Change ☐
to _____

Rule C-3(c), Topographic exception/company owns or controls acreage
within a 660' radius of proposed site ☐

O.K. Rule C-3 ☐

O.K. In _____ Unit

Other:

☒ Letter Written/Approved
wtm

June 25, 1979

Inland Fuels Corporation
2121 South Columbia
Tulsa, Oklahoma 74114

Re: Well No. Federal 23-1
Sec. 23, T. 20S, R. 23E,
Grand County, Utah

Dear Sir:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with the Order issued in Cause No. 102-5 dated January 2, 1964.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Geological Engineer
HOME: 876-3001
OFFICE: 533-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-019-30525.

Sincerely yours,

DIVISION OF OIL, GAS AND MINING

CLEON B. FEIGHT
DIRECTOR

/btm
cc: U.S. Geological Survey

March 14, 1930

Inland Fuels Corp.
2121 So. Columbia
Tulsa, Oklahoma 74114

Re: Well No. Fed. #23-2
Sec. 23, T. 20S, R. 23E.
Grand County, Utah
November 1979-February 1980

Well No. Fed. 23-1
Sec. 23, T. 20S, R. 23E.
Grand County, Utah
December 1979-February 1980

Gentlemen:

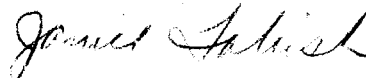
Our records indicate that you have not filed the monthly drilling reports for the months indicated above on the subject wells.

Rule C-22, General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGC-1B, (U.S. Geological Survey Form 9-331) "Sundry Notices and Reports on Wells", or on company forms containing substantially the same information. We are enclosing forms for your convenience.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING



JANICE TABISH
CLERK TYPIST

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-42223

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

FEDERAL

9. WELL NO.

FEDERAL #23-1

10. FIELD AND POOL, OR WILDCAT

CISCO SPRINGS

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

SW. NE. SEC. 23-20S-23E.
S.L.M.

12. COUNTY OR PARISH

GRAND

13. STATE

UTAH

1. OIL ☐ GAS ☒ OTHER ☐
WELL WELL

2. NAME OF OPERATOR

INLAND FUELS CORPORATION

3. ADDRESS OF OPERATOR

2121 SOUTH COLUMBIA STREET, TULSA, OKLA. 74114

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)

At surface

SW. NE. SECTION 23, T 20S, R 23E, S.L.M.
2310' from E-line and 1650' from N-line

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4687' GRD; 4697' K.B.

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other)

Information

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Subject well was spudded in on October 26, 1979. and drilled to a total depth of 2215' on October 30, 1979. The well was logged and 4½" casing run and landed at 1950' K.B. and cemented with 160 sks of RFC cement. Surface casing, 8 5/8", 24.00#, K-55, R-3, was set at 168' K.B. and cemented with 85 sks of cement. Had returns to the surface. The well was drilled about 65 ft. into the Entrada formation.

The subject well is in the process of being completed pending weather conditions. No average rate of production is available at this time.

RECEIVED
APR 15 1980

DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

W. Don Gungley

TITLE Consultant

DATE April 12, 1980

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

November 19, 1980

Inland Fuels Corporation
2121 S. Columbia St.
Tulsa, Oklahoma 74114

RE: Well No. Federal #23-1
Sec. 23, T. 20S, R. 23E,
Grand County, Utah

Gentlemen;

This letter is to advise you that the Well Completion or Recompletion Report and Log for the above mentioned well(s) is due and has not been filed with this office as required by our rules and regulations.

Please complete the enclosed Form OGC-3, in duplicate, and forward them to this office as soon as possible.

Thankyou for your cooperation relative to the above.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

Debbie Beauregard
DEBBIE BEAUREGARD
CLERK TYPIST

SUBMIT IN DUPLICATE*

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

(See other instructions on reverse side)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:				OIL WELL <input type="checkbox"/>		GAS WELL <input checked="" type="checkbox"/>		DRY <input type="checkbox"/>		Other _____	
b. TYPE OF COMPLETION:				NEW WELL <input type="checkbox"/>		WORK OVER <input type="checkbox"/>		DEEP-EN <input type="checkbox"/>		PLUG BACK <input type="checkbox"/>	
				DIFF. RESVR. <input type="checkbox"/>		Other _____					
2. NAME OF OPERATOR Inland Fuels Corporation											
3. ADDRESS OF OPERATOR 2121 South Columbia, Tulsa, Okla 74114											
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface SW NE Section 23, T20S, R23E, S.L.M. At top prod. interval reported below 2310' fr. E-line and 1650' fr. N-line. At total depth											
				14. PERMIT NO. 43-019-30525		DATE ISSUED					
15. DATE SPUDDED			16. DATE T.D. REACHED			17. DATE COMPL. (Ready to prod.)			18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*		
			10-30-79			11-15-79			4687' GRD; 4697' K.B.		
20. TOTAL DEPTH, MD & TVD			21. PLUG, BACK T.D., MD & TVD			22. IF MULTIPLE COMPL., HOW MANY*			23. INTERVALS DRILLED BY		
2215									ROTARY TOOLS CABLE TOOLS		
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 65' into Entrada										25. WAS DIRECTIONAL SURVEY MADE Yes	
26. TYPE ELECTRIC AND OTHER LOGS RUN Electric										27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)											
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
8 5/8 4 1/2"		24.00#		168' 1950		4.5"		None 85 SKS. 160 SKS.			
29. LINER RECORD											
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		30. TUBING RECORD	
										SIZE 3"	
										DEPTH SET (MD) 1950	
										PACKER SET (MD)	
31. PERFORATION RECORD (Interval, size and number)											
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.											
DEPTH INTERVAL (MD)						AMOUNT AND KIND OF MATERIAL USED					
33.* PRODUCTION											
DATE FIRST PRODUCTION			PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)						WELL STATUS (Producing or Producing)		
March 15, 80			Pumping - 1500# gas pump						Producing		
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD		OIL—BBL.		GAS—MCF.	
										WATER—BBL.	
										GAS-OIL RATIO	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL.		GAS—MCF.		WATER—BBL.	
						3		None		None	
										OIL GRAVITY-API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)										TEST WITNESSED BY	
35. LIST OF ATTACHMENTS											
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records											
SIGNED <i>David A. Mowbray</i>				TITLE <i>owner</i>				DATE 12-16-80			

*(See Instructions and Spaces for Additional Data on Reverse Side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPLICATE*
(Instructions on
reverse side)

MASTER FILE

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-42223
2. NAME OF OPERATOR AMBRA OIL & GAS COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A
3. ADDRESS OF OPERATOR 47 West 2nd South, Suite 510, Salt Lake City, Utah 84101		7. UNIT AGREEMENT NAME N/A
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SW NE Section 23, T20S, R23E 2310' FEL, 1650' FNL		8. FARM OR LEASE NAME INLAND FUELS FEDERAL
14. PERMIT NO.		9. WELL NO. 23-1
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4687' GRD; 4697' KB		10. FIELD AND POOL, OR WILDCAT Cisco Springs
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SW NE Sec. 23, T20S R23E
		12. COUNTY OR PARISH Grand
		13. STATE Utah

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

CHANGE OF OPERATOR

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. **DESCRIBE PROPOSED OR COMPLETED OPERATIONS** (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

PLEASE BE ADVISED THAT THIS LEASE HAS BEEN PURCHASED BY
AMBRA OIL & GAS COMPANY FROM THE INLAND FUELS CORPORATION
AND AMBRA OIL & GAS COMPANY ARE NOW THE OPERATORS OF THIS WELL.

ALL FIELD PERSONNEL HAVE BEEN NOTIFIED, i.e., BLM, USGS, etc.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE PRODUCTION MANAGER

DATE June 24, 1982

(This space for Federal or State office use)

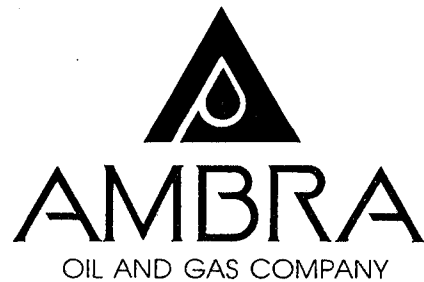
APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

Arden Plaza III
47 West 200 South, Suite 510
Salt Lake City, Utah 84101
(801) 532-6640



May 17, 1983

Bureau of Land Management
Oil & Gas Operations
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

RE: Inland Fuels 23-1
Section 23, T20S R23E
Grand County, Utah

Gentlemen:

Enclosed please find a proposed plugging procedure for the above-mentioned well. This procedure has been deemed satisfactory by Ron Firth of the State of Utah. Please expedite this sundry notice as soon as possible.

If you have any questions, please contact me.

Very truly yours,

AMBRA OIL & GAS COMPANY

A handwritten signature in cursive script that reads "Linda Conde".

Linda Conde
Production Manager

/lc
encs.

cc: Division of Oil, Gas & Mining
State of Utah

RECEIVED
MAY 18 1983

DIVISION OF
OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☒ well ☐ gas well ☐ other

2. NAME OF OPERATOR

Ambra Oil & Gas Company

3. ADDRESS OF OPERATOR

84101

47 W. 200 S., Suite 510 Salt Lake City, UT

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: 2310' FEL 1650' FNL, SW $\frac{1}{4}$ NE $\frac{1}{4}$ ✓
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:
TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☒
(other)

SUBSEQUENT REPORT OF:

☐
☐
☐
☐
☐
☐
☐
☐
☐

5. LEASE
II-12223
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
NA
7. UNIT AGREEMENT NAME
NA
8. FARM OR LEASE NAME
Inland Fuels
9. WELL NO.
23-1
10. FIELD OR WILDCAT NAME
Greater Cisco Area
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 23, T20S R23E
12. COUNTY OR PARISH
Grand
13. STATE
Utah
14. API NO.
43-019-30525
15. ELEVATIONS (SHOW DF, KDB, AND WD)
4687' GR

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

We plan to plug and abandon this well when approval is received.

Plugging procedure: ✓ Set cast iron bridge plug at 1300' (approximately 50' above first perforation) with 1 sack of cement. Set dry hole marker at surface with 10 sacks cement.

**APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING**

DATE: 5/24/83
BY: [Signature]

Subsurface Safety Valve: Manu. and Type _____

Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED [Signature] TITLE Exploration VP DATE May 17, 1983

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____ DATE _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY


SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☒ gas well ☐ other ☐
2. NAME OF OPERATOR
Ambra Oil & Gas Company
3. ADDRESS OF OPERATOR 84101
47 W. 200 S., Suite 510 Salt Lake City, UT
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 2310' FEL 1650' FNL, SW $\frac{1}{4}$ NE $\frac{1}{4}$
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

- | | |
|--------------------------|-------------------------------------|
| REQUEST FOR APPROVAL TO: | |
| TEST WATER SHUT-OFF | <input type="checkbox"/> |
| FRACTURE TREAT | <input type="checkbox"/> |
| SHOOT OR ACIDIZE | <input type="checkbox"/> |
| REPAIR WELL | <input type="checkbox"/> |
| PULL OR ALTER CASING | <input type="checkbox"/> |
| MULTIPLE COMPLETE | <input type="checkbox"/> |
| CHANGE ZONES | <input type="checkbox"/> |
| ABANDON* | <input checked="" type="checkbox"/> |
| (other) | |

SUBSEQUENT REPORT OF:

- 

JUN 30 1963

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

We plan to plug and abandon this well when approval is received.

Plugging procedure: Set cast iron bridge plug at 1300' (approximately 50' above first perforation) with 1 sack of cement. Set dry hole marker at surface with 10 sacks cement.

NEED TO SET 15 SK CEMENT on top of
BRIDGE PLUG. NEED TO SET 15 SK IN
ANNULUS @ SURFACE. NEED TO INFORM
BLM 48hrs before plugging start

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

- 18. I hereby certify that the foregoing is true and correct**

SIGNED Joseph P. Pettigall TITLE Exploration VP DATE May 17, 1983

(This space for Federal or State office use)

APPROVED BY [Signature]
CONDITIONS OF APPROVAL, IF ANY:

TITLE

District Oil & Gas Supervisor

JUN 9 1983

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 5/14/84
BY:

*See Instructions on R

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☒ well gas ☐ well other ☐
2. NAME OF OPERATOR
Ambra Oil & Gas Company
3. ADDRESS OF OPERATOR 84101
47 W. 200 S., Suite 510 Salt Lake City, UT
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 2310' FEL 1650' FNL, SW $\frac{1}{4}$ NE $\frac{1}{4}$
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) ☐

SUBSEQUENT REPORT OF:

☐
☐
☐
☐
☐
☐
☐
☒

5. LEASE
U-42223
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
NA
7. UNIT AGREEMENT NAME
NA
8. FARM OR LEASE NAME
Inland Fuels
9. WELL NO.
23-1
10. FIELD OR WILDCAT NAME
Greater Cisco Area
11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA
Sec. 23, T20S R23E
12. COUNTY OR PARISH
Grand
13. STATE
Utah
14. API NO.
43-019-30525
15. ELEVATIONS (SHOW DF, KDB, AND WD)
4687' GR

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Well was plugged July 7, 1983 with a 25-sack cement plug at 1390' (approximately 30' below the lowest perforation) to 1060'. Cement column is approximately 330' in length. A regulation plug and abandon marker will be set with 10 sacks cement.

RECEIVED
JUL 08 1983
DIVISION OF
GAS & MINING

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Linda Conde TITLE Production Mgr. DATE July 7, 1983

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: July 14, 1983
BY: [Signature]

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☒ well gas ☐ well other ☐
2. NAME OF OPERATOR
Ambra Oil & Gas Company
3. ADDRESS OF OPERATOR 84101
47 W. 200 S., Suite 510 Salt Lake City, UT
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 2310' FEL 1650' FNL, SW $\frac{1}{4}$ NE $\frac{1}{4}$
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input checked="" type="checkbox"/>	<input type="checkbox"/>
(other)	

5. LEASE
U-42223
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
NA
7. UNIT AGREEMENT NAME
NA
8. FARM OR LEASE NAME
Inland Fuels
9. WELL NO.
23-1
10. FIELD OR WILDCAT NAME
Greater Cisco Area
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 23, T20S, R23E
12. COUNTY OR PARISH
Grand
13. STATE
Utah
14. API NO.
43-019-30525
15. ELEVATIONS (SHOW DF, KDB, AND WD)
4687' GR

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Well was plugged July 7, 1983 with a 25 sack cement plug at 1390' (approximately 30' below the lowest perforation) to 1060'. The cement column is approximately 330' in length. A 15 sack cement plug will be set in the annulus between the 4 $\frac{1}{2}$ " and 8-5/8" casing. A regulation plug and abandon marker will be set with a 10 sack surface plug.

We plan surface restoration in the fall when we can reseed.
A follow-up report on surface restoration will be submitted.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Linda Conde TITLE Production Mgr. DATE August 11, 1983

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL _____
APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: _____

BY: _____

*See Instructions on Reverse Side

